



OPERATING INSTRUCTIONS FOR YOUR
RAPIDMAN 1212
ELECTRONIC CALCULATOR

SERVICING

If at any time your machine should require servicing, please refer to the instructions as outlined in your warranty card.

INTRODUCTION

Rapid Data, the people who with their Rapidman 800 brought the world the lightest, most economical and advanced battery operated pocket sized calculator, now bring you the Rapidman 1212 desktop display calculator.

Utilizing ultra-reliable high performance MOS (Metal Oxide Semiconductor) LSI (Large Scale Integration) single chip circuitry, your Rapidman 1212 gives you the following features smartly encased in only 2 1/2 lbs. of machine.

FEATURES

- * 12-digit display with memory capability
- * Four operations (+, -, x, ÷)
- * Fixed-decimal from keyboard selectable from 0 - 5 positions
- * Memory overflow protection
- * Negative sign indicator for true credit balance
- * Chain calculations
- * Leading-zero suppression
- * Power-on clears machine

SPECIFICATIONS

The Rapidman 1212 desktop model is capable of performing the four basic functions, +, -, x, ÷ as well as the memory functions.

This unit will display 12 digits with a fixed decimal point anywhere from 0 to 5 places. The unit will also do chain calculations, true credit balance, and produce automatic overflow indication.

DECIMAL POINT:

Automatic decimal point indication system up to five digits. It can be assigned by pressing $\square \cdot$ and $\square 0$ to $\square 5$ entry key simultaneously. Pushing $\square \cdot$ and $\square 6$ to $\square 9$ will assign "0".

NEGATIVE INDICATION:

Minus sign display indication.

OVERFLOW INDICATION:

All 12 digits will display "0" and decimal points will display at least six digits. Both operation register and memory register can be detected.

NUMBER OF REGISTERS:

Operation register: 2

Memory register: 1

CALCULATION CAPACITY:

Regular arithmetic, successive multiplication and division. Constant addition and subtraction. Constant multiplication and division, sum or difference of products, product of sum or difference, or difference of quotients, product of sums or differences, sum or difference of products and quotients, percentage, and various combination calculations.

L.S.I.:

(Large Scale Integration) 1 Chip.

OPERATING TEMPERATURE:

32°/120°F (0°/50°C).

POWER SOURCE:

- 110/117V 50/60 Hz.
- 215/220V 50/60 Hz. *

DIMENSIONS:

3 1/8" H x 9" L x 7 1/2" W.

WEIGHT:

2 1/2 lbs. approximately.

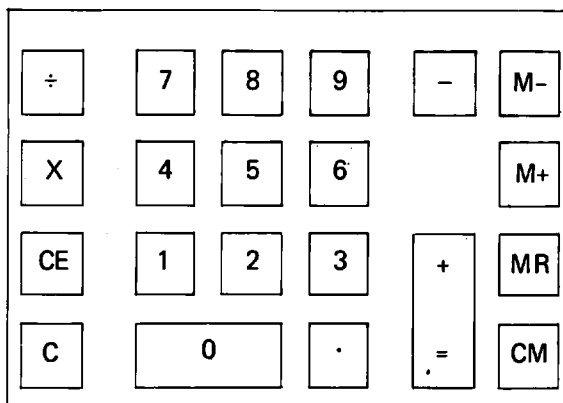
* Other than North America.

OPERATING INSTRUCTIONS

Your Rapidman 1212 calculator employs all the latest advances in electronic calculation technology, and will perform the four basic functions $+$, $-$, \times and \div plus memory functions and calculation with constant.

Illustrated below is the 1212 keyboard with a complete explanation for each key function. Read it thoroughly then familiarize yourself with the machines operation by practicing the examples given in your manual.

KEYBOARD



KEYBOARD OPERATION:

0 1 – 9	Enters digits
.	Enters decimal point
C	Clears or resets calculator to initial, or clear, state with exception of memory register.
CE	Clears latest entry but retains previous sum or multiplier/dividend.
X	Enters multiplier or executes previous multiply or divide.
÷	Enters dividend or executes previous multiply or divide.
-	Subtracts entry from previous accumulation.
±	Adds entry to previous accumulation or executes previous multiply or divide.
M+	Adds total or prod./quot. to memory register.
M-	Subtracts total or prod./quot. from memory register.
MR	Displays contents of memory register.
CM	Clears memory register.
.	To select number of decimal points desired, push decimal point key simultaneously with desired number (0-5) key.

SAMPLE CALCULATIONS

ADDITION

$$10 + 11 + 12 = 33$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
10 $\square \pm$	.....	"	.....	10.
11 $\square \pm$	.....	"	.....	21.
12 $\square \pm$	.....	"	.....	33.

ADDITION/SUBTRACTION

$$741 + 852 - 963 = 630$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
741 $\square \pm$	.....	"	.....	741.
852 $\square \pm$	.....	"	.....	1593.
963 $\square -$	.....	"	.....	630.

DIVISION

$$125 \div 5 = 25$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
125 $\square \div$	.....	"	.....	125.
5 $\square \pm$	.....	"	.....	25.

SUBTRACTION

$$1.23 - 4.56 - 7.89 = -11.22$$

Operation

$\square \cdot \square 2$	.....	indicating	.....	0.00
1.23 $\square \pm$	.....	"	.....	1.23
4.56 $\square -$	.....	"	.....	-3.33
7.89 $\square -$	.....	"	.....	-11.22

MULTIPLICATION

$$111 \times 222 = 24642$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
111 $\square \times$	.....	"	.....	111.
222 $\square \pm$	.....	"	.....	24642.

SUCCESSIVE MULTIPLICATION

$$12.3 \times 4.56 \times 7.89 = 442.53432$$

Operation

$\square \cdot \square 5$	.....	indicating	.....	0.00000
12.3 $\square \times$	.....	"	.....	12.30000
4.56 $\square \times$	.....	"	.....	56.08800
7.89 $\square \pm$	.....	"	.....	442.53432

DIVIDEND CONSTANT

$$1368 \div 3, 1368 \div 6, 1368 \div 9$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
1368 $\square M+$	.....	"	.....	1368.
$\square MR \square \div 3 \square \pm$	.....	"	.....	456.
$\square MR \square \div 6 \square \pm$	.....	"	.....	228.
$\square MR \square \div 9 \square \pm$	.....	"	.....	152.

DIFFERENCE OF PRODUCTS

$$(96 \times 78) - (41 \times 23) = 6545.$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
96 $\square \times 78 \square \pm \square M+$	.....	"	.....	7488.
41 $\square \times 23 \square \pm \square M-$	.....	"	.....	943.
$\square MR$	.....	"	.....	6545.

DIFFERENCE OF QUOTIENTS

$$(7896 \div 96) - (456 \div 12) = 44.25.$$

Operation

$\square \cdot \square 2$	.....	indicating	.....	0.00.
7896 $\square \div 96 \square \pm \square M+$	.....	"	.....	82.25.
456 $\square \div 12 \square \pm \square M-$	.....	"	.....	38.00.
$\square MR$	.....	"	.....	44.25.

SUM OF PRODUCTS

$$(12 \times 34) + (56 \times 78) = 4776.$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
12 $\square \times$ 34 $\square \pm$ $\square M+$	"	.....		408.
56 $\square \times$ 78 $\square \pm$ $\square M+$	"	.....		4368.
$\square MR$	.....	"	.....	4776.

SUM OF QUOTIENTS

$$(1234 \div 25) + (225 \div 5) = 94.36$$

Operation

$\square \cdot \square 2$	.....	indicating	.....	0.00
1234 $\square \div$ 25 $\square \pm$ $\square M+$	"	.....		49.36
225 $\square \div$ 5 $\square \pm$ $\square M+$	"	.....		45.00
$\square MR$	.....	"	.....	94.36

PRODUCT OF SUMS & DIFFERENCES

$$(12 + 34) \times (98 - 76) = 1012$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
12 $\square \pm$ 34 $\square \pm$ $\square M+$	"	.....		46.
98 $\square \pm$ 76 $\square -$	"	.....		22.
$\square \times$ $\square MR$ $\square \pm$	"	.....		1012.

SUCCESSIVE DIVISION

$$54321 \div 6 \div 7 = 1293.35714$$

Operation

$\square \cdot \square 5$	.....	indicating	.....	0.00000
54321 $\square \div$	.....	"	.....	54321.00000
6 $\square \div$	.....	"	.....	9053.50000
7 $\square \pm$	.....	"	.....	1293.35714

DIFFERENCE OF SUMS

$$(456 + 789) - (123 + 149) = 973$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
456 $\square \pm$	.....	"	.....	456.
789 $\square \pm$	.....	"	.....	1245.
$\square M+$	.....	"	.....	1245.
123 $\square \pm$	.....	"	.....	123.
149 $\square \pm$	.....	"	.....	272.
$\square M-$	.....	"	.....	272.
$\square MR$	.....	"	.....	973.

MULTIPLIER CONSTANT

$$1 \times 360, 5 \times 360, 10 \times 360$$

Operation

$\square \cdot \square 0$	.....	indicating	.....	0.
360 $\square M+$	.....	"	.....	360.
1 x $\square MR \square \pm$	.....	"	.....	360.
5 x $\square MR \square \pm$	.....	"	.....	1800.
10 x $\square MR \square \pm$	.....	"	.....	3600.

MULTIPLICATION/DIVISION

$$16 \times 32 \div 125 = 4.096$$

Operation

$\square \cdot \square$	5	.....	indicating	.....	0.00000
16	\times	.....	"	.....	16.00000
32	\div	.....	"	.....	512.00000
125	\pm	.....	"	.....	4.09600

MULTPLICAND CONSTANT

$$360 \times 1, 360 \times 5, 360 \times 10$$

Operation

$\square \cdot \square$	0	.....	indicating	.....	0.
360	M+	.....	"	.....	360.
MR	\times	1 \pm	"	.....	360.
MR	\times	5 \pm	"	.....	1800.
MR	\times	10 \pm	"	.....	3600.

DIVIDER CONSTANT

$$123 \div 3, 456 \div 3, 789 \div 3$$

Operation

$\square \cdot \square$	0	.....	indicating	.....	0.
3	M+	.....	"	.....	3.
123	\div	MR \pm	"	.....	41.
456	\div	MR \pm	"	.....	152.
789	\div	MR \pm	"	.....	263.

QUOTIENT OF SUMS & DIFFERENCES

$$(54 + 32) \div (91 - 86) = 17.20$$

Operation

$\square \cdot \square$	2	.....	indicating	.....	0.00
91	$\square \pm$	86	$\square -$	$\square M+$	5.00
54	$\square \pm$	32	$\square \pm$	..	86.00
$\square \div$	$\square MR$	$\square \pm$	.....	"	17.20

SUM OR DIFFERENCE OF PRODUCTS & QUOTIENTS

$$(78 \times 96) - (41 \times 23) + (40 - 5) = 6580$$

Operation

$\square \cdot \square$	0	.....	indicating	.....	0.
78	$\square \times$	96	$\square \pm$	$\square M+$	7488.
41	$\square \times$	23	$\square \pm$	$\square M-$	943.
40	$\square \pm$	5	$\square -$	$\square M+$	35.
$\square MR$		.....	"	.....	6580.

MAINTENANCE

Your Rapidman 1212 is a scientifically engineered high precision instrument made to give you years of accurate trouble-free performance. However to ensure ease of operation at all times we suggest you note the following points:

- * Never attempt to repair your machine.
- * Never drop or severely "bump" your machine.
- * Be certain power switch is "OFF" when disconnecting cord or when machine is not in use.
- * Do not store or display in a glass enclosed area where temperature can exceed 120°F.
- * Never clean case with solvents such as paint thinner, methylated spirits or wet cloths. Apply either neutral solutions or plastic cleaners.